

1932

Coler notes

Surunga

Ausla cea





Very large *Callappa* <sup>springeri</sup> ant  
of # 31-32.

Used  
d. Med + shaded =  
a light or dark I might  
say, Indian purple



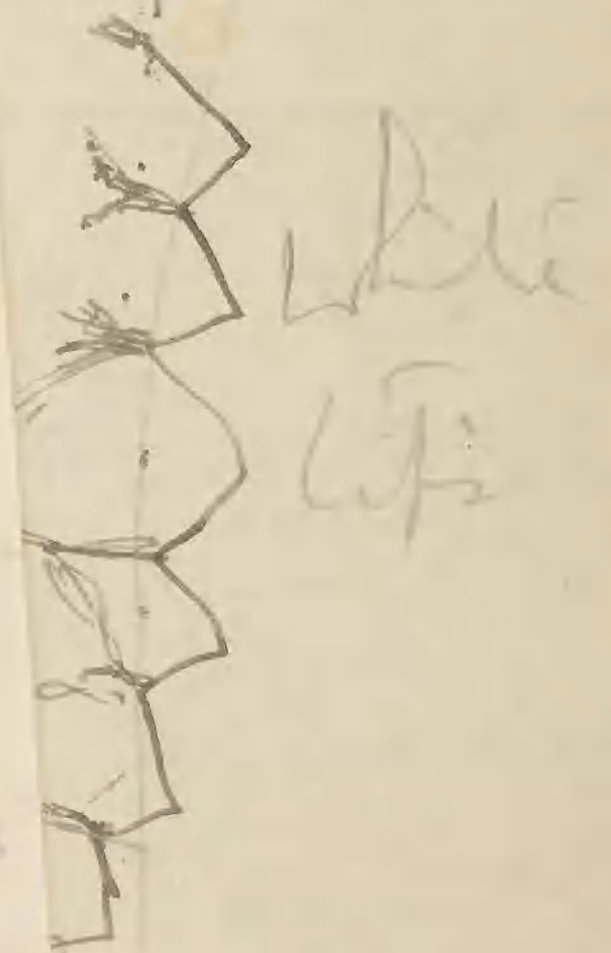
General back area.  
light buff pink or vinaceous  
pink

# 3-32 June 17, 1932  
40-45 fms

Paguristes sort of  
Salmon buff color in  
alcohol which is natural  
color as I remember it.  
Didn't notice eye stalks at  
time of collection but now 3 days  
later are (light of) maroon  
colored?

coll back

horns of  
ant looking  
hazel

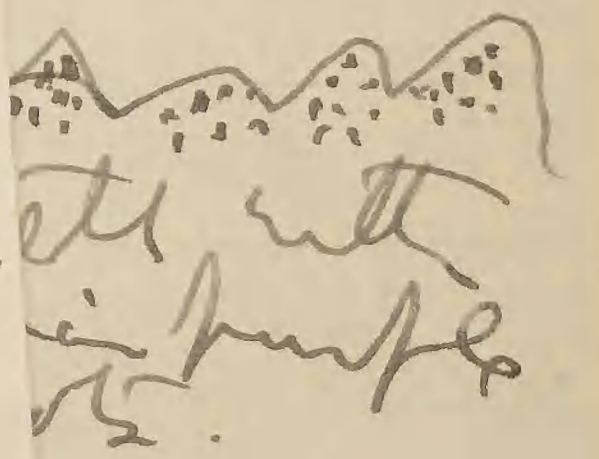


ambulatory  
white with  
cornea

? *Paguristes triangulatus* ant.

M. Edw + Bowd.

ambulatory  
second (legs) dactyls do not  
seem to fit may be diff or  
new species ??



mens.





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Paguristes sort of  
salmon buff color in  
alcohol which is natural  
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Didn't notice eye stalks at  
time of collection. But now 3 days  
later are (higher of) maroon  
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? Paguristes triangulatus

M. Edw + Bowd.

ambulatory  
second (legs) dactyls do not  
seem to fit may be diff or  
new species ??



Very large *Callinectes* <sup>springeri</sup> ~~not~~  
 of # 31-32.

used  
 d. Med. + shaded =  
 a light or dark I might  
 say, Indian purple

General back area.  
 light buff pink or vinaceous  
 pink; granules lighter (could almost call back  
 salmon.

○ — this ring, also of same brown color.  
 1-8 = brown spots  
 shaded out looking  
 brown = hazel

hinder parts  
 whitish

amphibolous  
 white with  
 corners dark

Chela almost iridescent.  
 between granules / granules  
 not iridescent

teeth with  
 dusky purple  
 spots.

mens.  
 purple

inside carapace  
 and ventral = dark  
 blood red.



# 7-32 June 20, 1932.

Styrene coll. under  
rocks. West side of egg.

Automate

(rt. hand lost)

quite colorless translucent, body with  
suggestion of green (palest olive buff) tail fan with  
lightest suggestion of reddish tinge due to scattered  
crimson chrysalis stages.

Stomach shows through <sup>translucent</sup> brown  
ovary " " orange

Eggs beneath abdomen " " cadmium orange

rt. hand  
lost  
= left hand

Base of fingers, distal fifth about of palm,  
and carpus with <sup>suppressed</sup> pale orange buff.

# 7-32

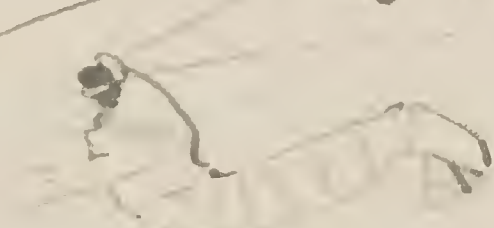
Stenopus

carmine to ~~red~~ red with <sup>confused</sup>  
design of china white down middle line of  
transverse bars of white

of amber { dactyls translucent white } abd.  
color { distal + prox ends of protodi ditto  
+ perhaps extreme edge of carpi

Middle third of antennal flagellum alternately white  
+ red banded, basal third all red, distal third  
all white.

Carries belt



with head end always  
bent up. <sup>large</sup> chelipeds  
which are missing  
in this spec. <sup>drawn back as though</sup>  
ready to strike a blow.

And mouthparts which  
are all red, extended

strong forward as though to stab something

Antennular flagella are colored like antennal  
outer branch is folded back over body on either side of  
last abd.omite. In branches extend out on either side at right  $\angle$   
to body; and antennal flagella at  $45^\circ$  angle between first two.



# 7-32

June 20, 1932

Crangon heterochaelis type

this one  
lost  
small  
chela  
sugar etc.

Two large males are about of a color in  
body but chelae of one are bet. malachites &  
tena verte green with white markings,  
identical in both, green of other chelae is bet  
sage + olive green nearer former; bodies more  
a less ~~pale~~ pale to whitish sepia. Segs  
of ~~base~~ with brighter green chelae, trans-  
lucent white; of other with pale pinkish  
vinaceous tinge

larger <sup>ovis</sup> female body + chela, dull sage x  
chromium green, smaller <sup>ovis</sup> female much  
the same only yellower, tending toward  
olive yellow or through greens had olive yellow  
tinge. Segs of large female about same  
pinkish vinaceous in smaller & lighter.

Smaller spec. in lost. very pale of body  
almost a light smoke grey. Chelae not more  
than pale olive buff. <sup>chela-</sup> <sup>lost</sup> leg + <sup>lost</sup> dactyls  
near to extreme white lts with orange ochraceous  
flush, in large darker female + darker male  
this color is more a tawny on fingers of small  
chela only (smaller spec. without eggs  
lost both chela in sugar)

All put in sugar.



#7-32 June 20, 1932

# Callianassa

Translucent very pale smoke grayish  
white, distal portion of next to last & last  
abd. 2<sup>nd</sup> & tail fan suffused with ~~the~~ bet.  
rose & vinaceous pink, inner ~~face~~ sur-  
face of large cheliped, top & halfway down  
on outer face same ~~color~~, quite solid  
fingers about all white, small cheliped  
all white as are ambulatory legs too.

First two abd. 2<sup>nd</sup> & 3<sup>rd</sup>, tawny within (ovary)



is whitest bar } changeable area brownish to

this area grey

(grey  
plotted)  
shifting & moving.

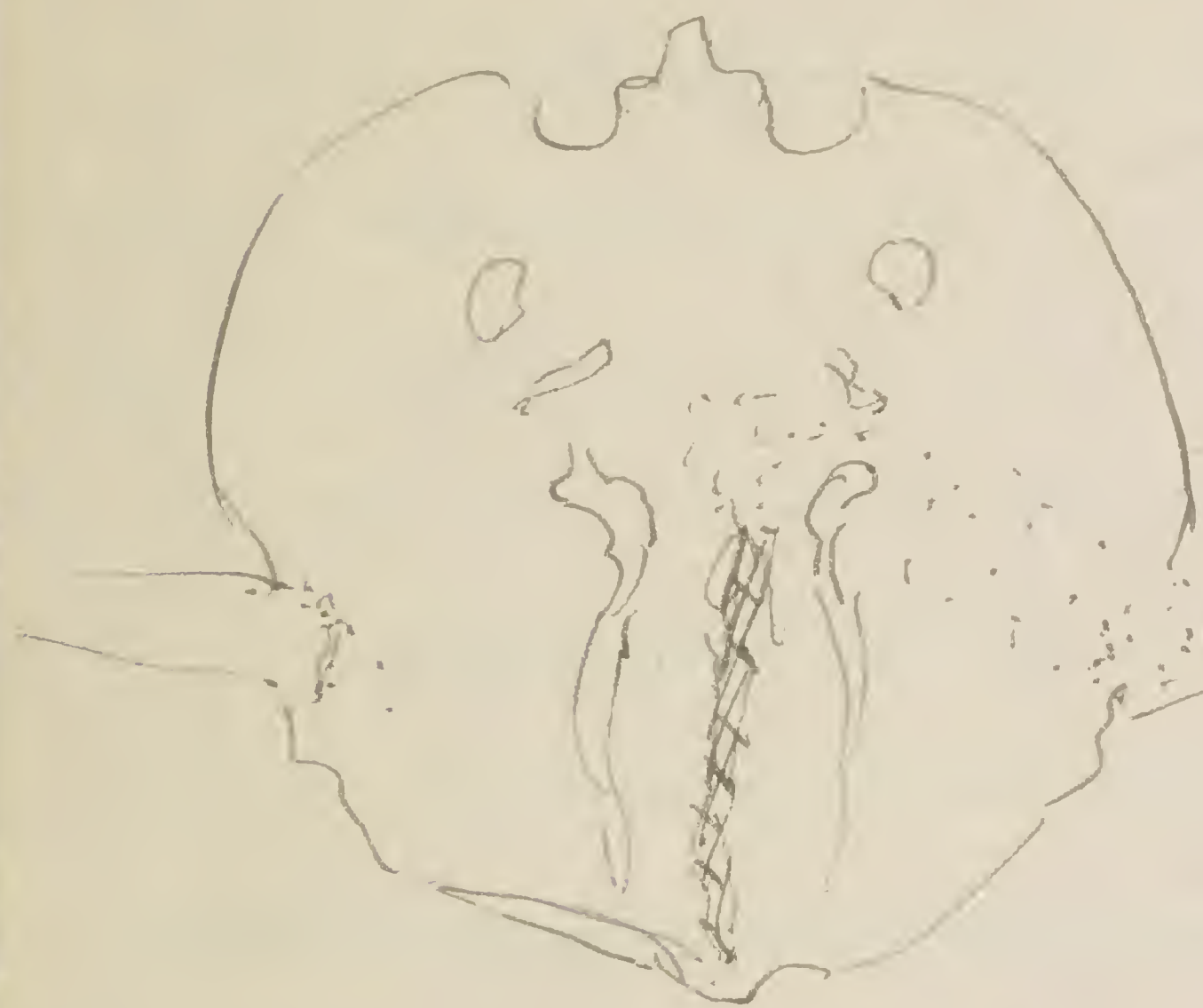


Acanthocarpus bispinosus

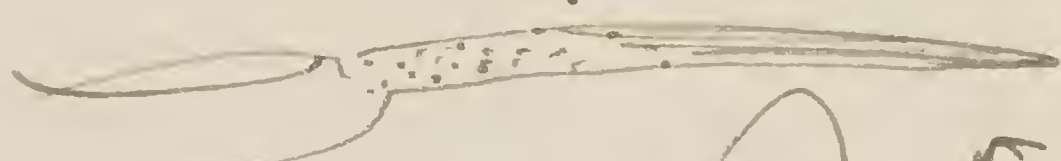
used

# 30-32. July 2, 1931

ground color of hinder third of carapace  
(behind lateral spines) pale rose pink



cuttured areas light lavender  
gray.



Ant.  $\frac{2}{3}$  carapace  
heavily spotted &  
speckled with scarlet  
vermilion

longitudinally shaded portions  
of spines dirty but tinged  
~~distally~~ with orange chrome, extreme  
tip and very little of it whitish

Lower half of chelae rose pink upper half darker  
appear ~~due~~ to scattered red specks on  
some of granules, teeth at tip of chelae dirty  
white fingers almost china white

Segs. ground color rose pink toward +  
lower margins more a peach blossom pink  
on upper margins <sup>mostly</sup> white, on anterior face  
of third fourth, and fifth carpus + at ant distal  
end of merus few reticulations of red (color of  
red in carapace).



Conchodytes domestica

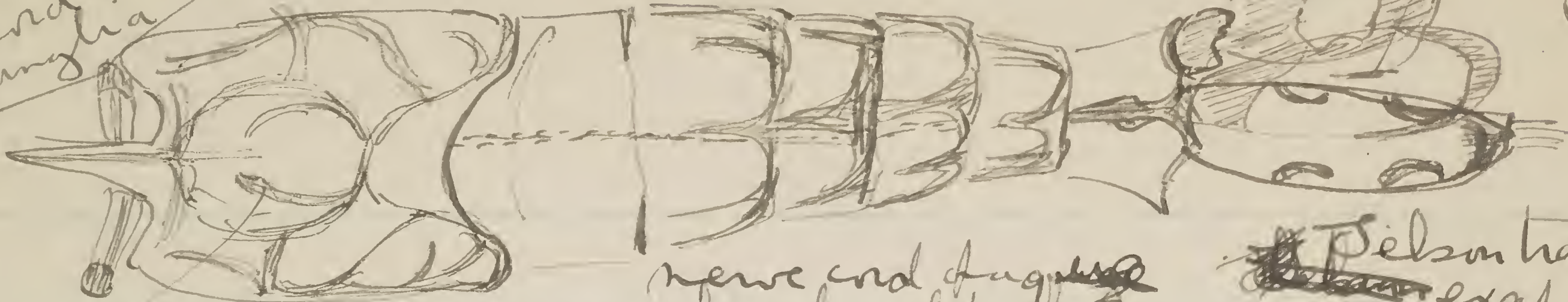
Pontonid from Panama  
July 7, 1932

Boyd had found

about 36 specimens  
for Boyd

little dark  
opaque dot  
on gill  
coll. of  
clean face

whole ventral  
nerve cord  
+ short ganglia



nerve cord & digestive  
throughout body.

Pelton transparent  
except for

this opaque  
of stomach

band dips down inward to meet its fellow from opposite side  
clear colorless, of glass like trans-  
parency with reticulating opaque  
lines of white. Outer blade of tail  
fan with small nearly circular clear  
area, inner blade nearly wholly clear  
large clear central area. Pelton  
clear except around lateral spines  
and little hinder distal piece.

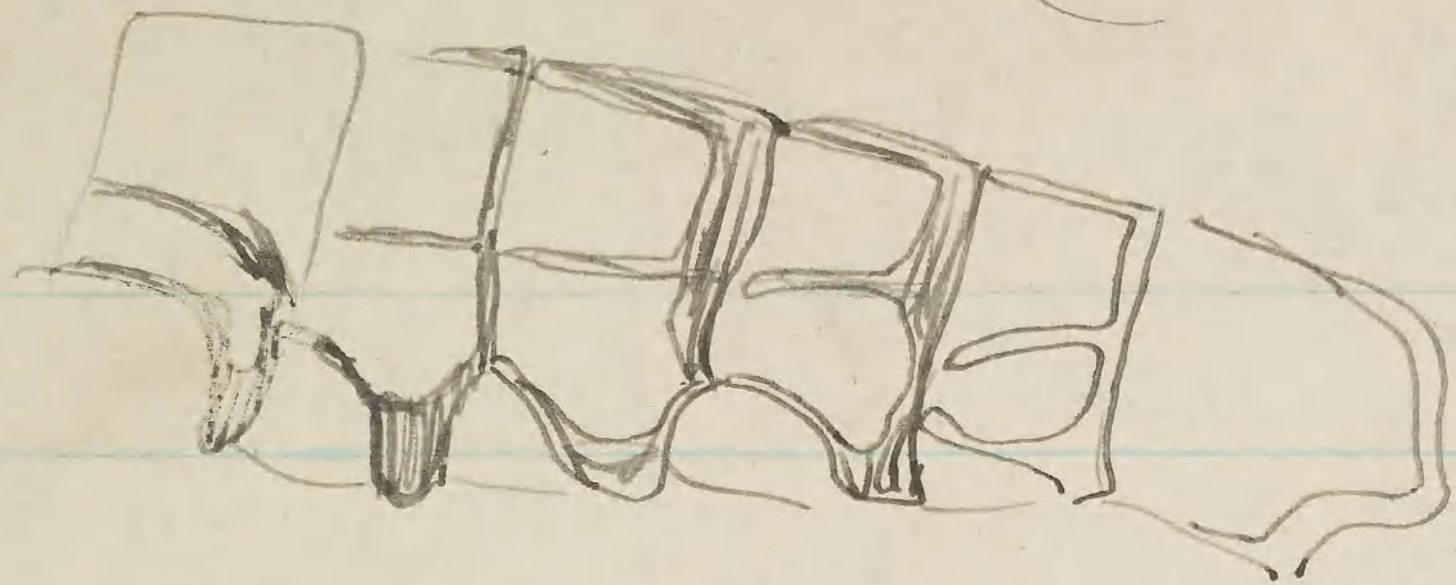
fringing hairs  
everywhere wholly  
transparent

ambulatory legs are transparent except at distal & proximal  
extremities of joints, more of the opaque at the distal  
rather than the proximal end. Dactyls transparent  
throughout + propodi except for very little of the  
opaque at extreme prox. end.

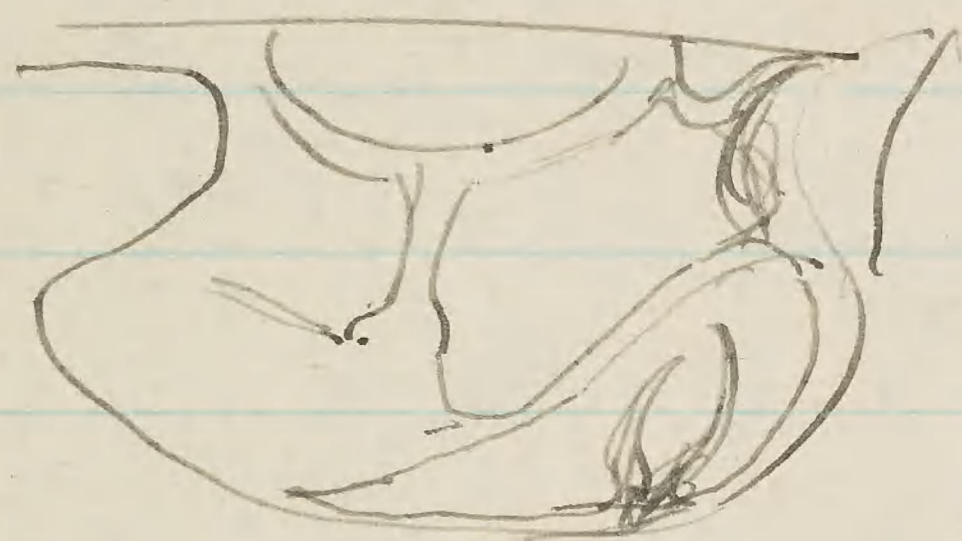
Antennal + thin flagellum of antennules alternately  
transparent + opaque. otherwise antennules + peduncles  
have very little opacity with and what there is, is  
thin + wispy-washy forming no definite pattern.  
Antennal scales faintly opaque around margins  
otherwise wholly transparent.



Conchodytes domestica July 7, 1932.  
Pondweed from Panama by Boyden



side view of  
Conchodytes  
abdomen



gills absolutely trans-  
parent.



Euryplan nitida

Taken east of  
Bush Key. July 8, 1932

Upper fourth + top margin, inside and out, including basal third of fourth of movable finger speckled with <sup>small</sup> dots somewhat reticulating, of chestnut

Orbital margin + this sinus but not tips of teeth which are <sup>chitinous</sup> white also

General surface of carapace wood brown, lighter fawn color; eyes stalks more wood brown, lighter

Carapace  
Distal half of terminal article of antennular peduncle, gamboge yellow.  
Thicker of antennular flagella <sup>colorless</sup> yellow as are upper margins of basal half of ambulatory meri of last pair of legs.

Spotting of delimited <sup>also</sup> on tips of carapace and on distal upper third of meri

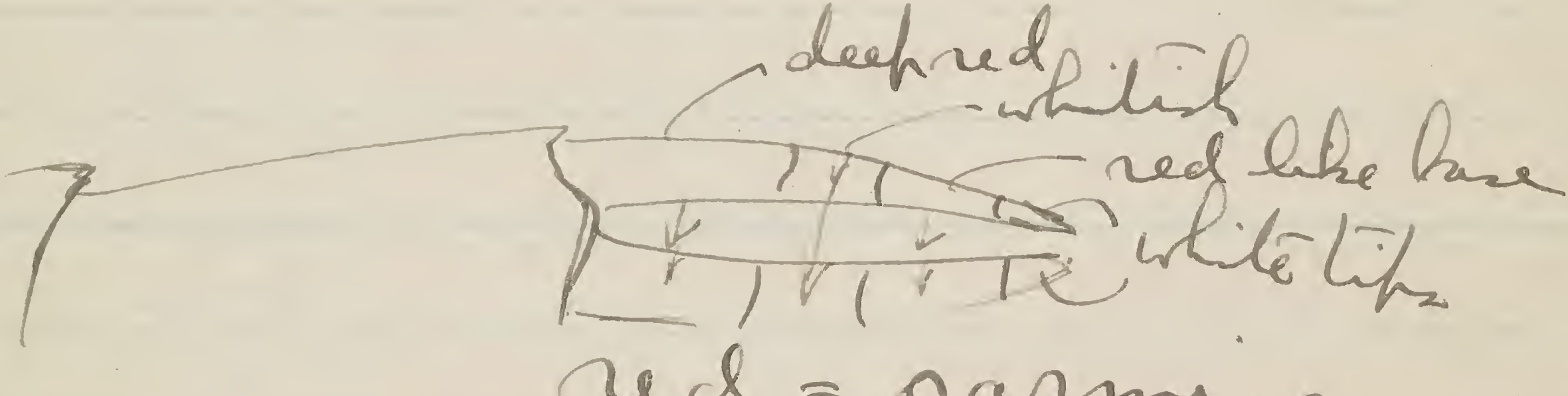
Also on upper margin of upper half fore + aft of joints of ambulatory legs except which are distally white + basally (2/3) wood brown with a suggestion of yellow, distal extreme end of propodus yellow, a pale translucent gamboge yellow and distal half of meri brown spotted basal half white / rest of chela + fixed finger chitina white



Color notes of June 26, 1932

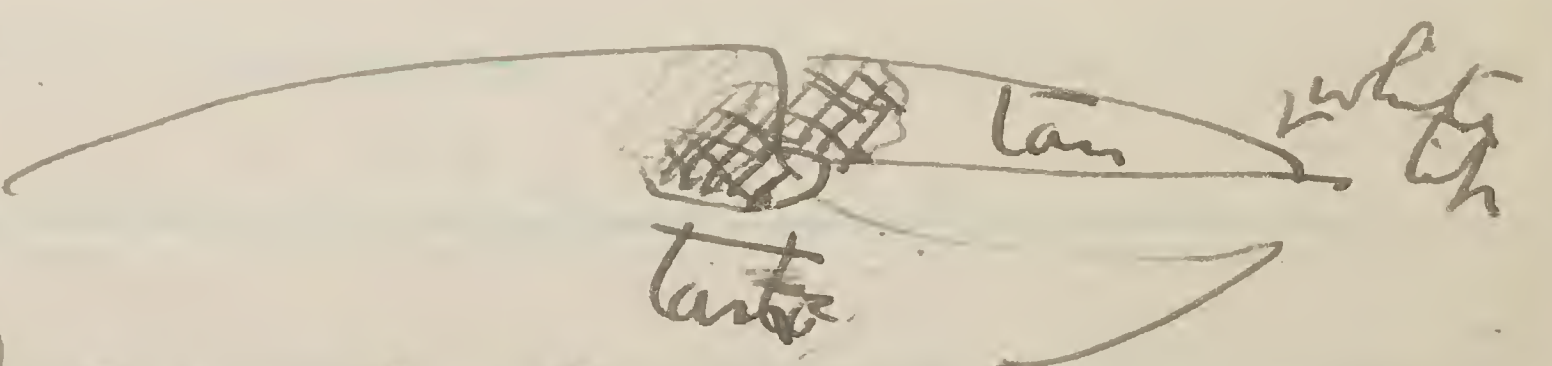
(1) P. depressum, lower fixed finger  
spec. purple, ~~purple~~ purple spot at articulation  
not specially labelled

(2) ? marginalis three in bottle, remarks  
apply particularly to larger two, tiny  
specimen looks similar as I recall.  
both fingers blue at base, blue  
spot on lower half of anterior  
inner border of palm.

(3)   
deep red, whitish, red like base, white tips  
red = carmine

(4) ~~dark spot~~  
see also next sheet.

(dark spot, slaty, darkish)  
brownish  
at articulation and base  
of movable finger

  
tan, white tip  
mostly whitish lower  
finger back from white tip

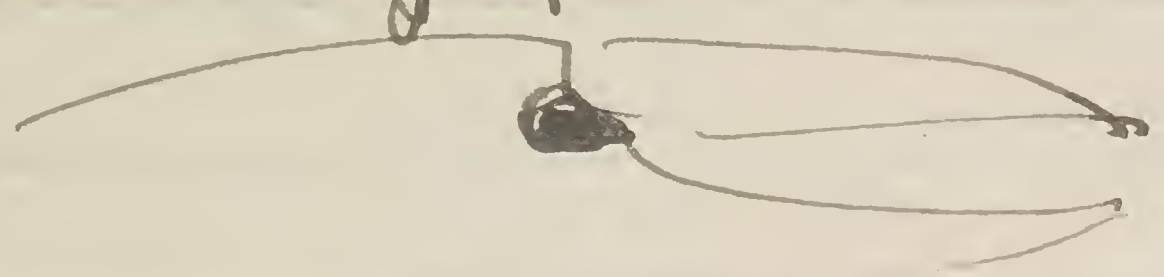
~~It~~ I thought at first there  
was a range.



Colr notes of June 26, cont'd

(5) Also got a couple of P. zayz in seine, from gulf weed presumably in several bunches of that were in net.

In #4 not July 11

 dark patch at articulation does not involve fingers as far as I can make out in Adipis spec. two weeks later. Originally I thought I was noting color markings of a P. zayz. Now (two weeks later) patch is on palm at artic. + movable finger is darker at base and fixed one is quite lighter back onto palm.

#4 in fresh P. zayz (not of 26<sup>th</sup>) this patch is reddish-brownish tan.

Added date of capture see lat. spec. of P. spinimanus taken by Wells among at surface about a mile west of Idr. finger red <sup>exposed</sup> behind white, white in middle + blue at base. Red white + the fingers



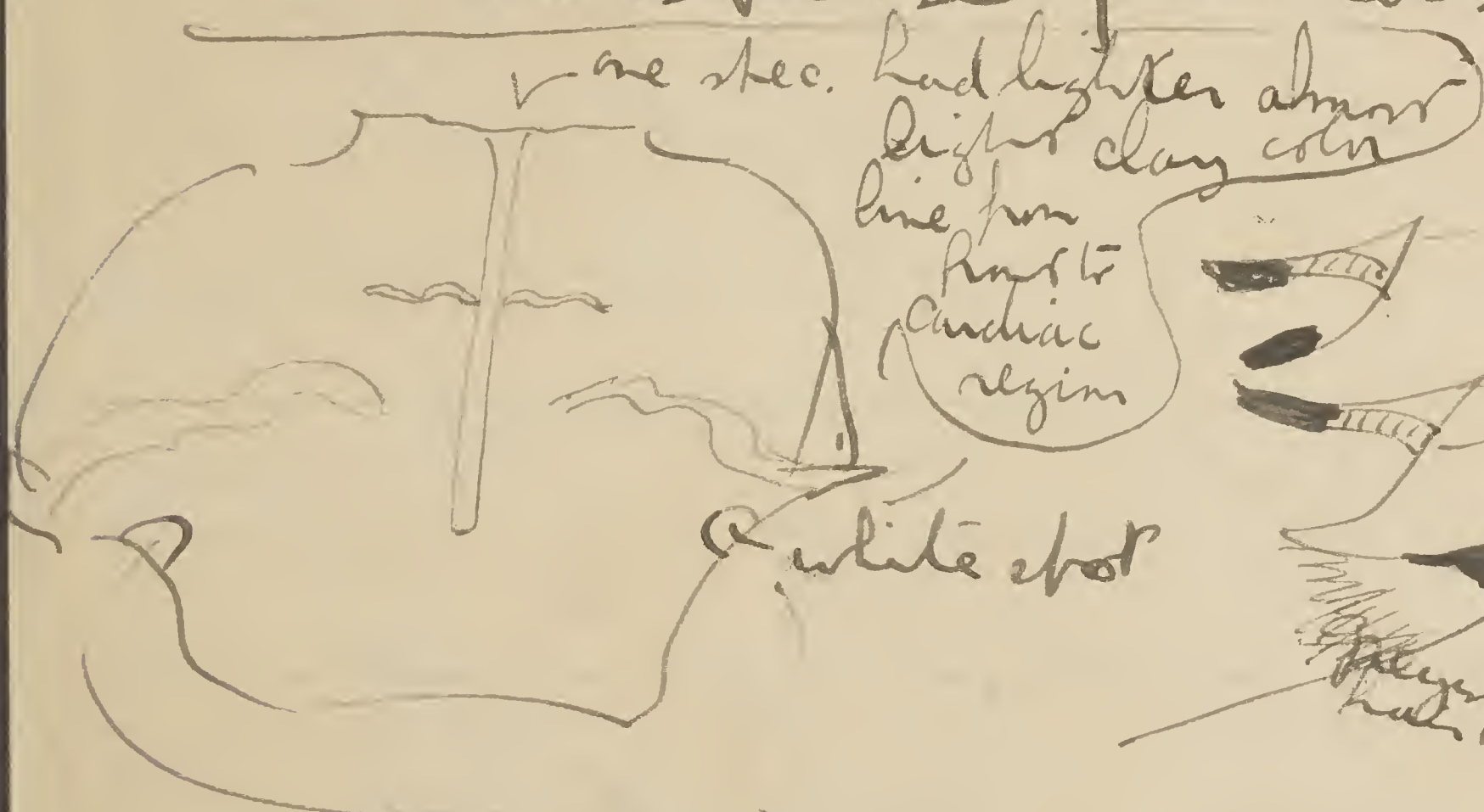
iridescent bands above ①  
will serve to identify this  
species. both (2 spec.) in 1 region.  
Palum. adunum

July 25-32

inside Bird Key Reef near South end

little reddish speckling in fins & otherwise scattered  
(lots of granulations & tubercles) = mostly red of fingers some fin almost  
General ground color Cap face sort of

thin brown to olive with whitish mottlings and  
maculations irregular curved whitish band over  
branchial region. ~~tail~~ <sup>very narrow</sup> thin hairy  
one transversely across gastic region



3d lateral fin 1st one with red  
spot behind first to center  
orbital albino  
near flesh  
pinkish to salmon color  
yellowish

Head of anhlalines particularly first  
a little reddish above basals

basals (carpi with fins)  
cross banded with dark  
cinnamon rufous with white  
(General greyish between (-light base)  
yet suggesting general color of  
cap face

Eyes fawn color with  
delicate hazel mottlings  
Antennules greyish with darker  
barring (banded  
antennae + peduncles ditto but over)

Extremely  
silly before is a  
touch of light above  
gamboge yellow all over  
this sketch  
almost salmon red  
yet in some way suggesting  
cadmium orange  
proximally below fading out  
where it runs into and  
merges with red above



tip or end of  
peduncle

last joint of



apparently  
beside flagellum

is orange rufous

just like an

eye. maybe

simulates one,

certainly in movement

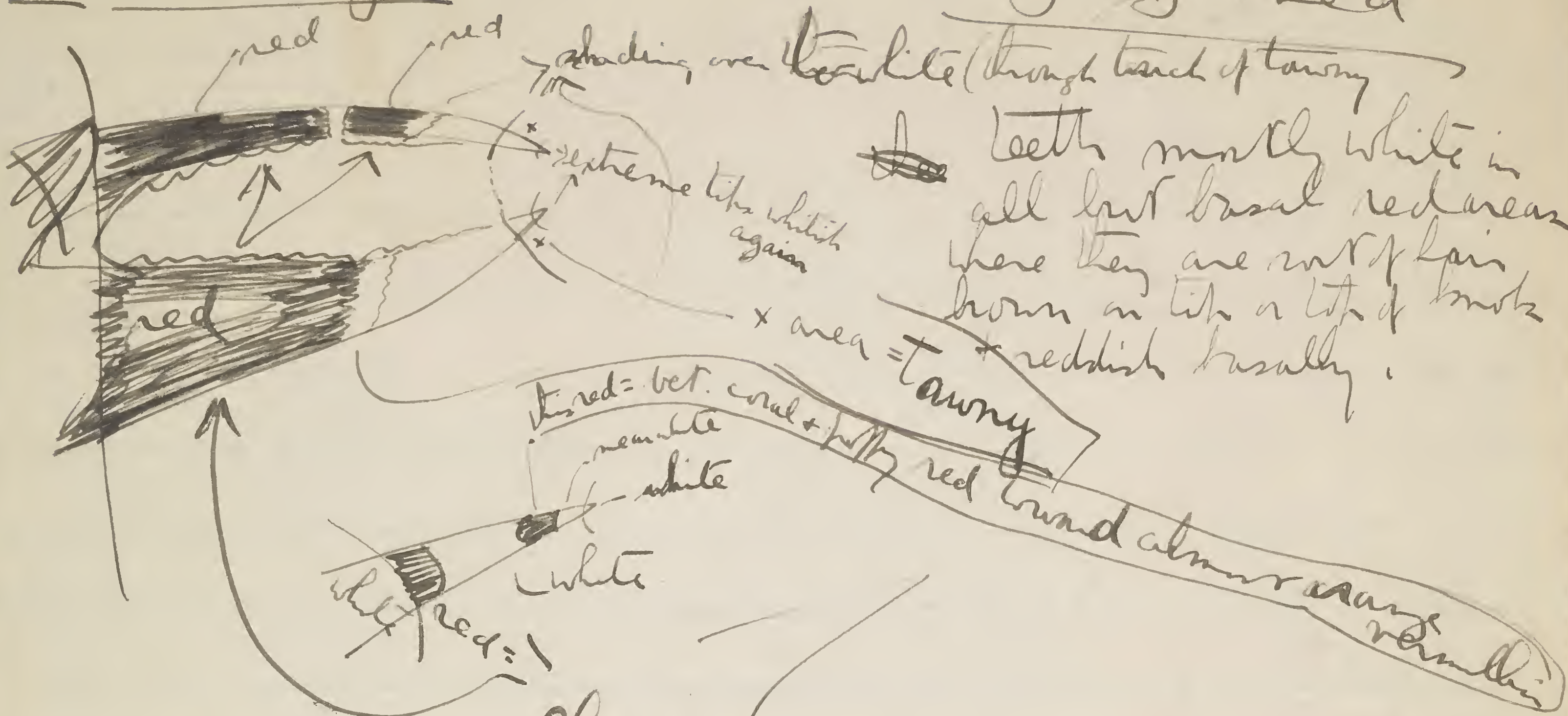




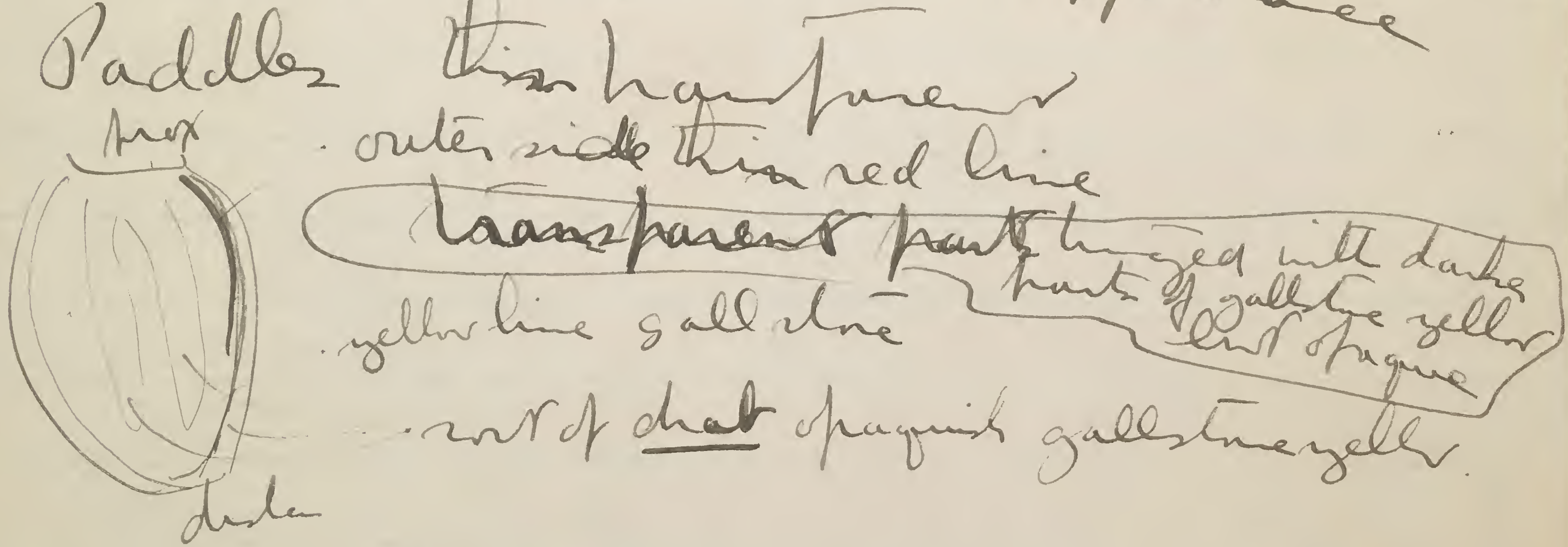
P. ordwayi

(2)

July 25, 1932  
Gleined



~~Head~~ Paddle legs  
more or less banded like ambulatoria  
but also more mottled in appearance



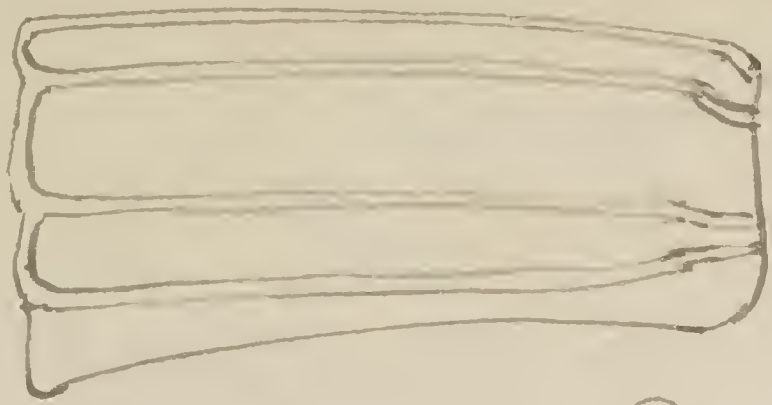
Hairs fringing are in <sup>clouded</sup> ~~one~~ spec  
whitish to yellowish in other almost opaque



44-32

July 14, 1932, Along

Dactylus dark  
dark corneous  
just before claws  
extremity of dactyl  
whitish (very slight greenish tinge)



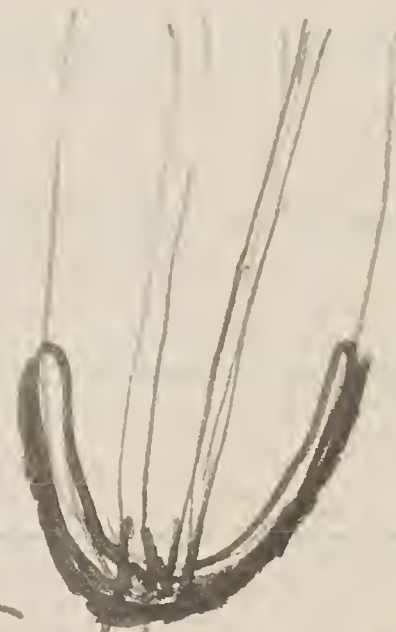
Song to Bush Key Beach  
on sand flat near water's  
edge  
Propodus, between narrow  
white lines ground color  
uniform thick seal brown

hairs from pit <sup>very</sup> light golden  
yellow pits <sup>themselves</sup> with a slight greenish  
cast, (sage green)

Libanarius vittatus

same color marks the tubercles of palm  
but they have a narrow whitish ring <sup>+ extreme tips white</sup>  
around ~~the~~ respective bases of in both  
fingers these same tubercles are nearly all  
white. Hairs on hands also sage  
greenish.

Movable finger with



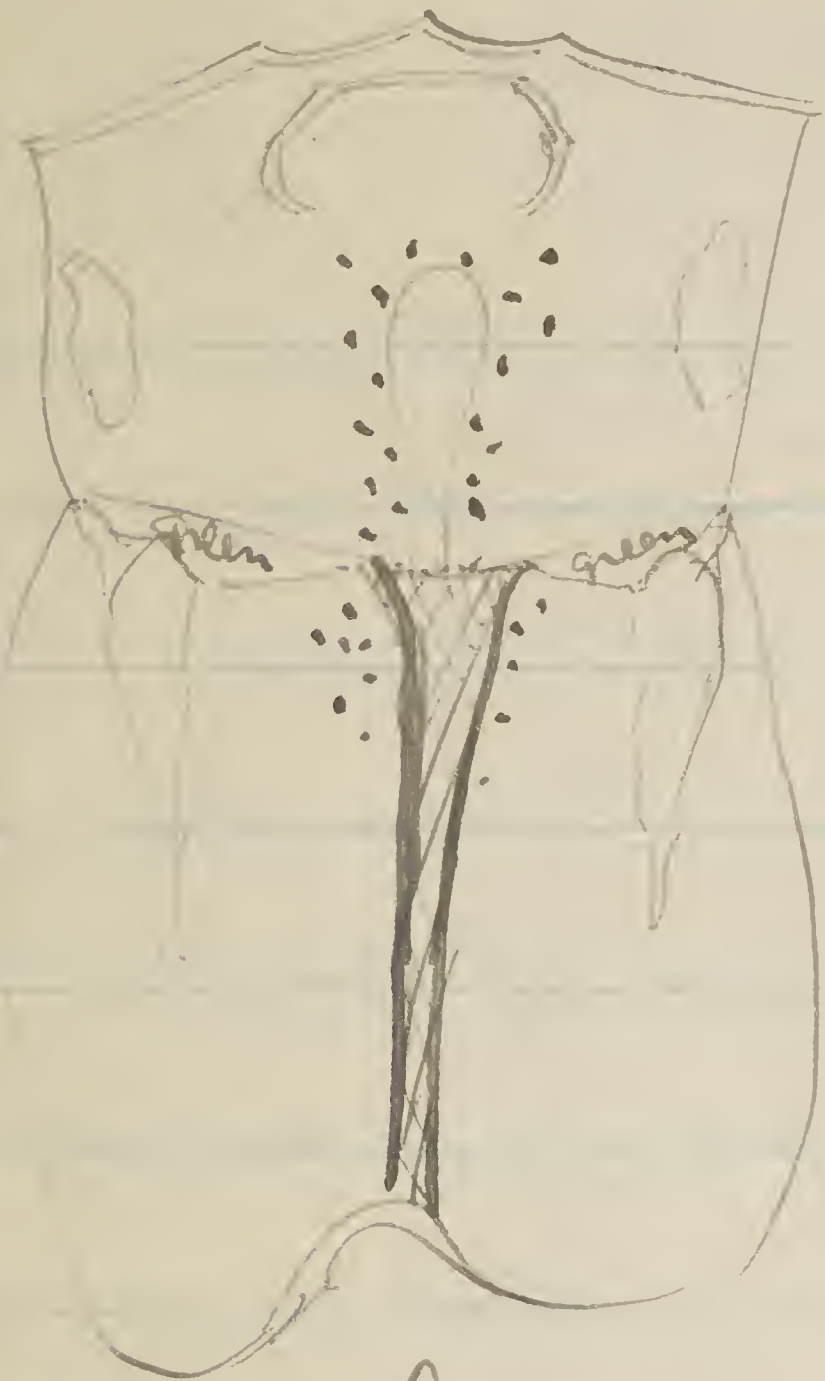
top view  
two narrow  
bands of near

white slightly tinged with brownish. between  
lines greenish ground color is lighter &  
of somewhat different shade sort of bluish  
Cutting edges of fingers dark corneous to  
black of bay color, above which narrow  
band of ~~uniform~~ back to articulation but  
not crossing white lines on <sup>dark</sup> tip of finger  
which run down to edge



# 44-32 July 14, 1932

*Chironomus nitens* (cont'd)



light areas and marginings outlined  
~~rest~~ rest of carapace light  
pale green, with whitish and  
sage green spots - rather widely separated  
with occasional almost black green  
ones as indicated. light areas  
& marginings = light buff yellow

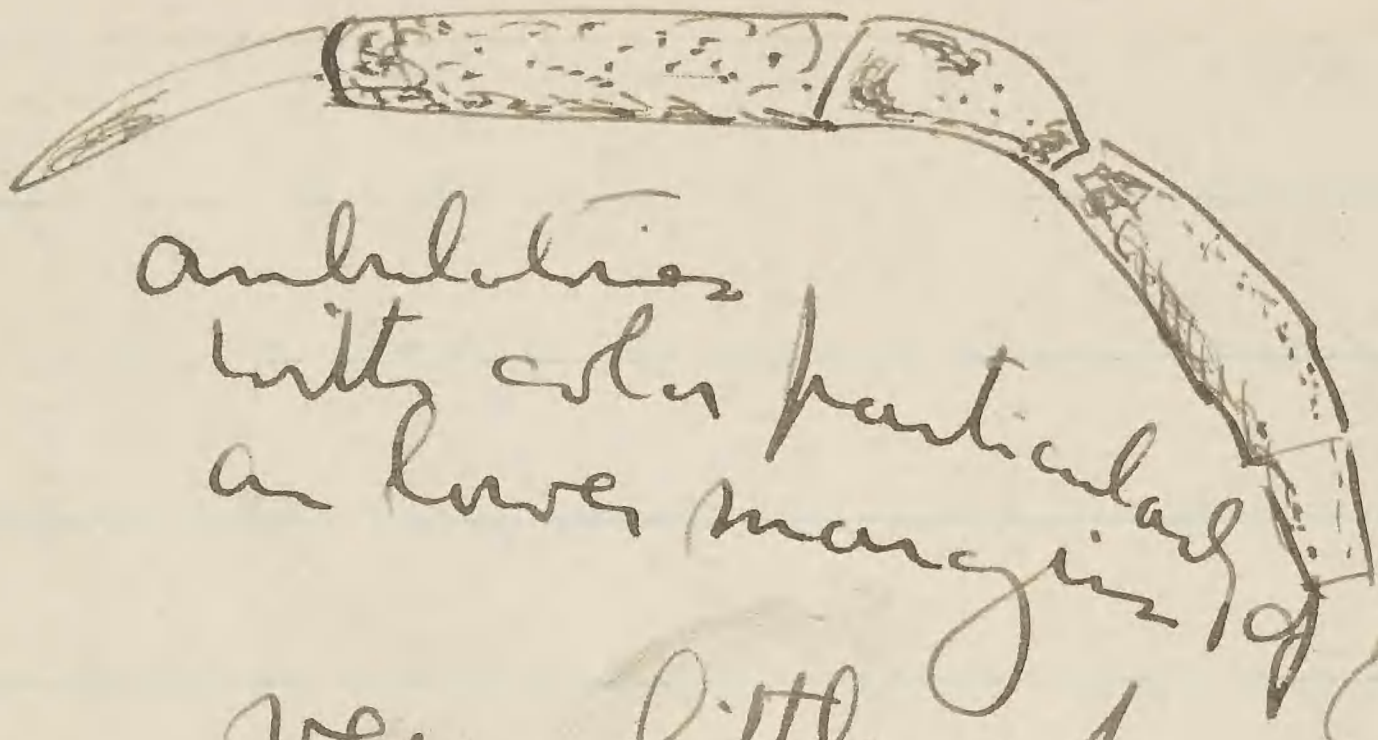
cross hatched area on median  
line of hind part of carapace, dark  
of sage green with black of french green  
as approaching  
on bounding suture lines, also with  
the scattered whitish spots.

Eye stalks with almost black of olive green  
above yet much like general color of  
legs or carapace, sort of a blend or  
crossing over between them. Cornea sage  
green - ~~green~~ mottled. Each side of eye stalks  
light buff yellow. stripe of same  
on top of distal joint of antennular  
peduncle & thicker flagellum. almost black green  
& lighter alternated. hairs beneath uniform  
distal joint of antennal peduncle with two light  
stripes on outer side with diff shade between like tips of movable  
finger flagella, rest of ant & ant. peduncles and. scales & eye scales like  
ground color of legs.

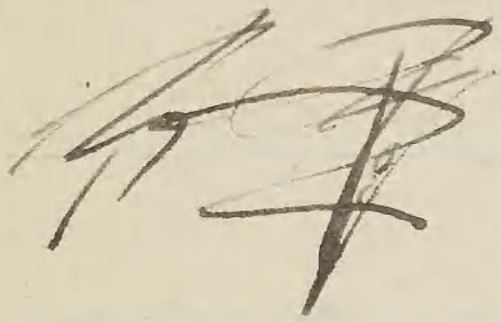
abd. of a chab muddy washed and sage green



Little symmetrical Linné.  
#64-32



ambulations  
with color particularly  
on lower margins of joints  
very little color 3 + 4th legs.



← thicker of antennular flagella with  
a bit otherwise antennae +  
antennules + pedicels with  
color.

all legs at

elementary hair straight through  
scarlet orange vermillion  
(and basal half of tibia)

Abdomen except for first part of first  
segment the thin transparent Chinese  
orange.

color <sup>margins</sup> of legs & eyes +  
antennular flagella = coral red



Green cheela Calcinus

June 28, 1932.

I had a similar  
hermit in  
#7 or 8-32

Bird Key Reef taken by Wells  
Preserved in

Eggs. Crimson & burnt carmine sugar vol.

Abdomen and hinder half of carapace  
(light) sort of lake red white speckled  
last seg. of abdomen, telson & tail fan  
pleopods last legs & all joints  
of ambulatories proximal to carpi  
= sort of ~~white~~ cream color toward  
cream buff. distally more shade  
into buff & little darker, which is  
color of carpi.

Propodi of ambulatories, right lines  
brown to Bay & toward upper margin  
with more red, like maroon; O uter  
and beneath more a ~~dark~~ Prout brown  
~~times~~ bistré distal fourth or fifth of  
propodus all the way around the same  
(Prout brown & bistré, getting  
white at articulation).

Basal 2/3 of propodi near or actually  
white (creamy?) with very slight suggestion  
of yellowish cast, ~~then~~ somewhat like tail

Have a shell taken same day in tide pools west side of  
Soggerhead with operculum very much of same green color. Primary?  
#7 or 8-32



Green chela Calcarina June 28, 1932 (cont'd) <sup>(2)</sup>

Jan, next third a bright red (bright crimson) (I should say bright new red blood) color, final third a less white again like basal portion. claws - next

~~that~~ Pad beneath at ~~end~~ <sup>next</sup> of last leg canary yellow

~~that~~ Saw using last leg on left side to work over first bunch of eggs on first left pleopod and both of legs of this pair to scratch about under gill chamber much like man scratching his back, at least that's the feel one got watching Japanese legs worked alternately one <sup>pushing</sup> forward as other was being pulled back.

Ant. portion of carapace tinged centrally with light muddy white green <sup>speckled with light</sup> sides much washed and <sup>with light</sup> slightly <sup>more</sup> <sup>reddish</sup> heliotrope purple, or something like.

Eye stalks, ~~orange~~ ochraceous (bright light tan?)  
Basal flagella of antennules and all but basal joint of antennal peduncle + ant. scale



Green chela Calceus June 28, 1932 (3)  
(Cul)

The same color, but brighter tending toward  
orange, Antennular peduncle malachite  
green x beryl green (or bet. Jenever green + malachite)

Eyescale part<sup>(2)</sup> scale + basal joint of  
ant<sup>(2)</sup>. whitish

Antennal flagellum, transverse (amber color)

Chelipeds bright malachite green.

x beryl green (or bet. Jenever + malachite green)

all joints distally ~~the~~ edged with  
cream buff with mere suggestion a leaning

toward a washed out bay color (may  
buff is best description of light parts of  
ochraceous buff.) There is a band

of this same color down upper  
margin of <sup>margin</sup> chela, + a mere trace on minor

fingers + anterior palmar border, wholly  
this color, shading lighter + little more  
yellow (tail fan color) to edges of tips  
which are almost dull translucent white  
but only nearest edge